

STATE OF DELAWARE
Brandywine School District

APPENDIX A

TECHNICAL SPECIFICATIONS

APPENDIX A

PROJECT MANUAL

FOR

Brandywine School District

**BRANDYWINE SCHOOL DISTRICT
CAFETERIA FURNITURE**

BRANDYWINE SCHOOL DISTRICT
1311 Brandywine Boulevard
Wilmington, DE 19809

Owner

ABHA ARCHITECTS
1621 N. Lincoln Street
Wilmington, Delaware 19806
(302) 658-6426 Fax (302) 658-8431

Architects

ABHA PROJECT NUMBER: 1629

DATE: November 25, 2019

BID NO: BSD20002-CAFETERIA_FURN

VOLUME 1 OF 1



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SECTION 120000

FURNITURE

PART 1 - GENERAL

1.01 WORK INCLUDED

- A. Provision and set-up/installation of furniture/accessories and equipment listed at the end of this section, complete with wiring and/or fixtures, where applicable.

1.02 SUBMITTALS

- A. General: Submit the following:
 - 1. Product data for each item specified.
 - 2. Samples for color selection (manufacturer's standard color board with actual material samples attached), including wood finishes.
 - 3. Samples for finish selection.
 - 4. Product test reports from and based on tests performed by qualified independent testing laboratory acceptable to authorities having jurisdiction, evidencing that, where applicable, items/finishes comply with requirements specified for fire performance characteristics and sound absorption performance.
 - 5. Details of standard warranties provided by manufacturer/installer.
 - 6. Maintenance instructions: Provide 1 copy each to Owner and Architect/Interior Designer. Before final payment, the Contractor shall collect, neatly assemble, and turn over to the Owner, manufacturer's operating and service instruction books, cards, manuals, diagrams, etc., for each type of item furnished under this contract and for items requiring maintenance. Material shall be collected into a loose-leaf manual format complete with a Table of Contents.
 - a. Include instruction for ordering of additional components, accessories and spare parts and maintenance items.

1.03 QUALITY ASSURANCE

- A. Fire Performance Characteristics: Provide material with surface-burning characteristics as indicated below, as determined by testing assembled materials composed of facings and backings identical to those required in this Section, per ASTM E 84, by a testing organization acceptable to authorities having jurisdiction.
 - 1. Flame spread: 25 or less.
 - 2. Smoke Developed: 450 or less.

1.04 DELIVERY, STORAGE, HANDLING AND INSTALLATION

- A. Project items per manufacturer instructions in shipment, storage, and handling. Deliver to and install at location shown on drawings, unless otherwise instructed by Architect/Interior Designer or Owner. Ensure that conditions at delivery location are suitable.

1.05 PROJECT CONDITIONS

- A. Do not begin installation until spaces to receive items have been enclosed and maintained at approximately the same humidity and temperature conditions as planned for occupancy. Where applicable, maintain temperature and humidity as recommended by manufacturer.

1.06 OWNER'S INSTRUCTIONS

- A. Supply personnel and time to adequately instruct Owner in operation of each furniture or equipment item that requires assembly and disassembly, routine maintenance, or programming or software interface by the user.
- B. Provide to the Owner any special tools necessary for operation and routine maintenance of equipment or furniture items.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. As listed in attached specification sheets.
- B. Specified items are listed as a standard of quality, construction and design.
 - 1. Substitutions: Equivalent products by other manufacturers will be considered per Definitions and General Procedures, Section C, Part 8 "Or Equal (Products by Name)".

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Installation schedule is as follows:
 - 1. 6/15/20-6/19/20
 - 2. Coordinate areas of work and related schedule with the Architect.
- B. Provide Owner with complete delivery schedule upon award of contract and coordinate with Architect and Owner on site as required.
- C. As recommended by manufacturer.
- D. Install at locations shown on drawings, unless otherwise instructed by Architect or Owner.
- E. Remove and replace items which are damaged and are unacceptable to Owner.

3.02 CLEANING

- A. Clean items per manufacturer recommendations.
- B. Remove surplus materials, rubbish, and debris resulting from installation upon completion of work, and leave areas of installation in neat, clean condition.

3.03 FURNITURE SPECIFICATIONS

- A. Provide furniture, furnishings, and equipment as specified in the sheets appended to this section.

END OF SECTION

ITEM: 12' Rectangular Cafeteria Table w/ 12 attached stools **ITEM No.: DN-01A**

Manufacturer: KI

Product Name/#: Uniframe/UF126/CX - PR edge

Dimensions: 60-1/2" x 139-1/2"

Finish: Finishes to be selected from manufacturer's standards.

Upholstery: N/A

Comments: Edge to be high cast polyurethane that is mechanically and chemically bonded to the table core and chemically bonded to the laminate surface edge.

LOCATION(S)	QUANTITY
CAFETERIA	5
TOTAL:	5



NOTE: IMAGE IS FOR REFERENCE ONLY, AND MAY NOT ACCURATELY DEPICT FINISHES ETC. REFER TO SPECIFICATION FOR DETAILS.

ITEM: 12' Rectangular Cafeteria Table

ITEM No.: DN-01B

Manufacturer: KI

Product Name/#: Uniframe/UFRT12/PR/29

Dimensions: 30" x 139-1/2"

Finish: Finishes to be selected from manufacturer's standards.

Upholstery: N/A

Comments: Edge to be high cast polyurethane that is mechanically and chemically bonded to the table core and chemically bonded to the laminate surface edge.

<u>LOCATION(S)</u>	<u>QUANTITY</u>
CAFETERIA	5

TOTAL: 5



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ITEM: 60" Diameter Cafeteria Table w/ 8 attached stools

ITEM No.: DN-02A

Manufacturer: KI

Product Name/#: Uniframe/UFRD58/CX/PR

Dimensions: 81" Diameter x 29"H

Finish: Finishes to be selected from manufacturer's standards.

Upholstery: N/A

Comments: Edge to be high cast polyurethane that is mechanically and chemically bonded to the table core and chemically bonded to the laminate surface edge.

LOCATION(S)	QUANTITY
CAFETERIA	6

TOTAL: 6



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ITEM: 60" Diameter Cafeteria Table

ITEM No.: DN-02B

Manufacturer: KI

Product Name/#: Uniframe/UFRD5/PR

Dimensions: 81" Diameter x 29"H

Finish: Finishes to be selected from manufacturer's standards.

Upholstery: N/A

Comments: Edge to be high cast polyurethane that is mechanically and chemically bonded to the table core and chemically bonded to the laminate surface edge.

LOCATION(S)	QUANTITY
CAFETERIA	6

TOTAL: 6



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ITEM: 48" Round Table

ITEM No.: DN-03

Manufacturer: Palmer Hamilton

Product Name/#: Nomad Aero/ATX2948RD

Dimensions: 48" Diameter

Finish: Laminate to be selected from Wilsonart.

Upholstery: N/A

Comments:

<u>LOCATION(S)</u>	<u>QUANTITY</u>
CAFETERIA	6

TOTAL: 6



NOTE: IMAGE IS FOR REFERENCE ONLY, AND MAY NOT ACCURATELY DEPICT FINISHES ETC. REFER TO SPECIFICATION FOR DETAILS.

ITEM: 18" Sled Base High Density Stack Chair

ITEM No.: **DN-04**

Manufacturer: KI

Product Name/#: Strive/SWNA- NS glides

Dimensions: 18" Seat Height

Finish: To be selected from manufacturer's standards.

Upholstery: N/A

Comments: Polypropylene high density stack chair with PVC non-skid glides. Stacks 6 chairs high on floor or 30 chairs high on dolly.

LOCATION(S)	QUANTITY
CAFETERIA	32

TOTAL: 32



NOTE: IMAGE IS FOR REFERENCE ONLY, AND MAY NOT ACCURATELY DEPICT FINISHES ETC. REFER TO SPECIFICATION FOR DETAILS.

ITEM: 60" Long Double Sided Booth

ITEM No.: DN-05A

Manufacturer: Falcon

Product Name/#: Westbury

Dimensions: 60"L

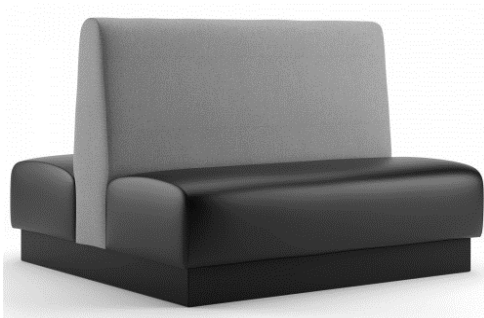
Finish: To be selected from manufacturer's standards

Upholstery: To be selected from manufacturer's Grade 4 options

Comments:

<u>LOCATION(S)</u>	<u>QUANTITY</u>
CAFETERIA	6

TOTAL: 6



NOTE: IMAGE IS FOR REFERENCE ONLY, AND MAY NOT ACCURATELY DEPICT FINISHES ETC. REFER TO SPECIFICATION FOR DETAILS.

ITEM: 60" Long Single Sided Booth

ITEM No.: DN-06A

Manufacturer: Falcon

Product Name/#: Westbury

Dimensions: 60"

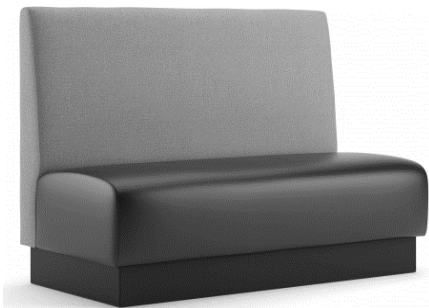
Finish: To be selected from manufacturer's standards

Upholstery: To be selected from manufacturer's Grade 4 options

Comments:

<u>LOCATION(S)</u>	<u>QUANTITY</u>
CAFETERIA	14

TOTAL: 14



NOTE: IMAGE IS FOR REFERENCE ONLY, AND MAY NOT ACCURATELY DEPICT FINISHES ETC. REFER TO SPECIFICATION FOR DETAILS.

ITEM: 60" Long Single Sided Booth - Mobile

ITEM No.: DN-06B

Manufacturer: Palmer Hamilton

Product Name/#: Chariot

Dimensions: 60"

Finish: To be selected from manufacturer's standards

Upholstery: To be selected from manufacturer's Grade 4 options

Comments:

<u>LOCATION(S)</u>	<u>QUANTITY</u>
CAFETERIA	26

TOTAL: 26



NOTE: IMAGE IS FOR REFERENCE ONLY, AND MAY NOT ACCURATELY DEPICT FINISHES ETC. REFER TO SPECIFICATION FOR DETAILS.

ITEM: 30" Long Single Sided Booth

ITEM No.: DN-07A

Manufacturer: Falcon

Product Name/#: Westbury

Dimensions:

Finish: To be selected from manufacturer's standards.

Upholstery: To be selected from manufacturer's Grade 4 options

Comments:

LOCATION(S)	QUANTITY
CAFETERIA	1

TOTAL: 1



NOTE: IMAGE IS FOR REFERENCE ONLY, AND MAY NOT ACCURATELY DEPICT FINISHES ETC. REFER TO SPECIFICATION FOR DETAILS.

ITEM: 42" Long Single Sided Booth - Mobile

ITEM No.: DN-07B

Manufacturer: Palmer Hamilton

Product Name/#: Chariot

Dimensions:

Finish: To be selected from manufacturer's standards.

Upholstery: To be selected from manufacturer's Grade 4 options

Comments:

<u>LOCATION(S)</u>	<u>QUANTITY</u>
CAFETERIA	1

TOTAL: 1



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ITEM: 30" x 60" Mobile Table

ITEM No.: **DN-08**

Manufacturer: Palmer Hamilton

Product Name/#: Nomad Aero/ATTGO293060

Dimensions: 30" x 60"

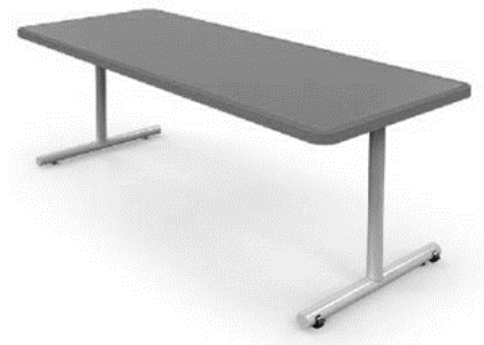
Finish: To be selected from manufacturer's standards.

Upholstery: N/A

Comments:

LOCATION(S)	QUANTITY
CAFETERIA	15

TOTAL: 15



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ITEM: Trash Receptacle

ITEM No.: DN-09

Manufacturer: Palmer Hamilton

Product Name/#: Waste Recptacle/WR18-55

Dimensions:

Finish: To be selected from manufacturer's standards.

Upholstery: N/A

Comments:

<u>LOCATION(S)</u>	<u>QUANTITY</u>
CAFETERIA	4

TOTAL: 4



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